

# Safety Data Sheet

Version number 1.0

Last altered on 12 July 2022

## Section 1: Product and Company Identification

### 1.1 Product Identifier

Name: XCeloSeq UDI Sets.

Brand: GeneFirst

Catalogue Numbers:

IDX1-01	IDX1-07	IDX2-01	IDX2-07
IDX1-02	IDX1-08	IDX2-02	IDX2-08
IDX1-03	IDX1-09	IDX2-03	IDX2-09
IDX1-04	IDX1-10	IDX2-04	IDX2-10
IDX1-05	IDX1-11	IDX2-05	IDX2-11
IDX1-06	IDX1-12	IDX2-06	IDX2-12

### 1.2 Relevant identified uses of the product and uses advised against

For Research Use Only

### 1.3 Details of the supplier of the safety data sheet

GeneFirst Ltd.

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Abingdon Science Park,  
Abingdon,  
Oxfordshire,  
OX14 3YS

United Kingdom

+44 (0) 1865 407 400

[info@genefirst.com](mailto:info@genefirst.com)

### 1.4 Emergency telephone number

+44 (0) 1865 407 400

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

(Classification according to CLP Regulation (EC) No 1272/2008). Not classified as hazardous

### 2.2 Label elements

(Labelling according to CLP Regulation (EC) No 1272/2008). Not classified as hazardous

### 2.3 Other Hazards

This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPVB) at levels of 0.1% or higher.

### Section 3: Composition/information on ingredients

The kit contains no ingredients classified as hazardous but for information the composition is as follows:

Tube colour	Tube cap colour	Reagent	Contents
Transparent	White	XCeloSeq UDI Set 1-01 to 1-12	Trade Secret
OR			
Transparent	White	XCeloSeq UDI Set 2-01 to 2-12	Trade Secret

### Section 4: First Aid Measures

#### 4.1 Description of first aid measures

**General information:** Immediately remove any clothing soiled by the product

**After skin contact:** Remove any clothing contaminated by the product and wash areas affected well with water. Seek medical attention if irritation or signs of toxicity occur.

**After inhalation:** Remove from source of exposure to fresh air. Seek medical attention if irritation occurs.

**After eye contact:** Rinse carefully with water/eye wash bottle for several minutes. Remove contact lenses, if present and easy to do so, then rinse again. If eye irritation occurs seek medical attention

**After swallowing:** Rinse mouth with water. If irritation or signs of toxicity occur, seek medical attention.

#### 4.2 Most Important symptoms and effects, both acute and delayed

No additional relevant information

#### 4.3 Indication of any immediate medical attention and special treatment needed

No additional relevant information

### Section 5: Fire-Fighting Measures

#### 5.1 Extinguishing methods

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Caution:** CO<sub>2</sub> will displace air in confined spaces and may cause an oxygen-deficient atmosphere.

#### 5.2 Special hazards

There are no unique chemical or reactivity hazards that would impact firefighting decisions due to the chemicals in this product.

#### 5.3 Special protective actions for fire fighters

Protective equipment: For large fires, wear appropriate heat- and flame-resistant personal protective equipment and an approved positive-pressure, self-contained breathing apparatus.

### Section 6: Accidental release of material

#### 6.1 Personal precautions, protective equipment and emergency procedures

Minimize exposure by using appropriate personal protective equipment as listed in Section 8. Keep unprotected persons away.

## 6.2 Environmental Precautions

Prevent liquid and vapour from entering sewage system, storm drains, surface waters, and soil.

## 6.3 Methods and material for containment and cleaning up

Blot up small volumes of spilled or spattered product with paper towels or similar materials. Contain larger spills by placing absorbents around the outside edges of the spill then absorb with any material suitable for water-based liquids - e.g. paper towels, universal sorbents, sand, sawdust, etc.

To clean the affected area, use water and detergent or a suitable biological cleansing agent.

Dispose of spilled and contaminated material in accordance with Federal, State, and Local regulations. See Section 13 for information that may impact disposal of materials contaminated with this product.

## 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# Section 7: Handling and storage

## 7.1 Precautions for safe handling

Avoid contact with skin.

Information about protection against explosions and fires: No special measures required.

## 7.2 Conditions for safe storage, including any compatibles

Store only in the original container.

Refer to the package insert or product label for additional information on storage conditions for product quality.

Do not store with strong acids or bases. Protect from direct sunlight.

## 7.3 Specific end uses

No additional relevant information available.

# Section 8: Exposure controls / personal protection

## 8.1 Control parameters

There are no components with limit values that require monitoring in the workplace

## 8.2 Exposure controls

**General protective and hygienic measures:** Always maintain good housekeeping and follow general precautionary measures.

Do not eat, drink or store food and beverages in areas where chemicals or specimens are used.

Wash hands before breaks, after handling reagents and specimens, and at the end of the work shift.

Avoid contact with the skin.

Immediately remove all soiled and contaminated clothing.

Use in a well-ventilated area.

**Breathing equipment:** Normal use and storage of product - respiratory protection is not necessary if room is well ventilated.

**Small-volume spills** (e.g. small enough to clean up with a paper towel or small sorbent pad) – respiratory protection should not be necessary if room is well ventilated.

**Other unusual conditions** (e.g. volume spilled too big to clean up with materials in arm's reach) – Use appropriate air-purifying respirator if airborne chemical concentrations may exceed the exposure limit (if any) listed above.

Hazardous Materials Emergencies or Firefighting - use approved respiratory protection.

Take precautions if chemical concentrations exceed the exposure limits (if any) listed above.

**Protection of hands:** Wear impervious gloves if hand contact with the material is anticipated. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Material of gloves and breakthrough time of the glove material: The glove material must be suitable for use in a microbiological laboratory and have a measured breakthrough time of at least 30 minutes, such as those with a Class 2 protection index per EN374 (or equivalent standard applicable in your region).

**NOTE:** This recommendation applies only to the product stated in this Safety Data Sheet. When dissolving in or mixing with other substances, contact the supplier of approved gloves.

**Eye protection:** Wear safety glasses or other protective eyewear. If splash potential exists, wear full face shield or goggles.

**Body protection:** In normal use to protect personal clothing from spatters and small spills wear a laboratory coat (or other protective clothing required by your institution).

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:

Tube colour	Tube cap colour	Reagent	pH	Colour of contents	Description
Transparent	White	XCeloSeq UDI Set 1-01 to 1-12	8	Colourless	Trade Secret
OR					
Transparent	White	XCeloSeq UDI Set 1-01 to 1-12	8	Colourless	Trade Secret

Odour: No data available

Odour threshold: No data available

Freezing/melting point: 0°C

Initial boiling point and boiling range: 100°C

Flash Point: Not applicable

Evaporation Rate: Not known

Flammability: Not flammable

Self-igniting: Not self-igniting

Explosive properties: Not explosive

Water solubility: Soluble

Viscosity: No data available

Oxidising properties: No data available

### 9.2 Other safety information

No further data available

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

Nothing specific: follow general good laboratory practices

### **10.5 Incompatible materials**

Strong acids, bases and oxidising agents

### **10.6 Hazardous decomposition products**

No Data available but not expected in hazardous amounts

In the event of fire see section 5

## **Section 11: Toxicological information**

### **11.1 Information on toxicological effects**

**Acute toxicity:** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met. May cause minor eye irritation if the product makes direct contact with the eye (follow advice in section 4).

**Sensitisation:** Does not contain compounds that known to cause sensitisation.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Germ cell mutagenicity; Based on available data, the classification criteria are not met.

Carcinogenicity; Based on available data, the classification criteria are not met.

Reproductive toxicity; Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

### **11.2 Additional information**

The product should be handled with the usual care when dealing with chemicals within the laboratory environment. The kit should only be used by appropriately trained personnel.

## **Section 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No further relevant information available.

### **12.3 Bioaccumulative potential**

No further relevant information available.

### **12.4 Mobility in soil**

No further relevant information available.

Additional ecological information: Generally, not hazardous for water.

### **12.5 Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

### **12.6 Other adverse effects**

No further relevant information available

## **Section 13: Disposal considerations**

### **13.1 Waste treatment methods**

**Product:** Use a licensed disposal company following local rules and regulations

**Contaminated packaging:** Dispose of as product

**Non-contaminated packaging:** Cardboard box can be recycled

## **Section 14: Transport information**

### **14.1 UN-Number**

ADR, ADN, IMDG, IATA: None

### **14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA: None

### **14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA Class: None

### **14.4 Packing group**

ADR, IMDG, IATA: None

### **14.5 Environmental hazards**

Marine pollutant: No

### **14.6 Special precautions for user**

Not applicable

**Transport/Additional information** · ADR / MDG / IATA: Not restricted for transportation

## **Section 15: Regulatory information**

### **15.1 Safety, health and environmental regulations / legislation specific for the mixture**

This safety data sheet complies with the requirements of Regulation (EC) No1907/2006

### **15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this product



## **Section 16: Other information**

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